

TOWN OF CATSKILL

LEEDS AND JEFFERSON HEIGHTS  
SEWER DISTRICT

MAP, PLAN, AND REPORT

Prepared for:

**The Town of Catskill**

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## **1.0 INTRODUCTION**

Both the hamlets of Leeds and Jefferson Heights in the Greene County Town of Catskill are characterized by dense development on small lots. Both also feature commercial and retail land uses along Route 23B with residential housing located in compact neighborhoods just off the main street. In Leeds, enforcement actions initiated by state regulatory agencies have impacted the operation of several businesses resulting in temporary loss of employment and a loss of commercial and retail opportunities in a community that relies on shops and restaurants for its economy. While Jefferson Heights has not suffered from such severe conditions, anecdotal evidence suggests that some property owners are struggling to sell residences due to the inability to demonstrate that the existing on-lot septic systems are fully functional. At several public meetings conducted by the Town of Catskill, owners of commercial and retail properties in the hamlets have expressed concern regarding the long term viability of their businesses due to the risk associated with the failure of on-lot sewage treatment systems and the cost or infeasibility of replacing such systems. This risk has led to a lack of investment in the hamlets and thus a decline in the appearance of these essential regional gateway communities.

As a result of the deficiencies in the existing on-site wastewater treatment and disposal facilities in Leeds and Jefferson Heights, the Town of Catskill proposes to form a sewer district for these areas and construct a Town-owned and operated wastewater collection system. This collection system will connect to the existing Village of Catskill wastewater collection system, and ultimately the existing Village of Catskill wastewater treatment facility. The purpose of this map, plan, and report is to present the information necessary for the creation of a Town sewer district as required by Town Law, Article 12-A, Section 209-c of the New York State Consolidated Laws.

## **2.0 PROPOSED DISTRICT**

A Preliminary Engineering Report dated July 2013 was prepared which evaluated alternatives for addressing wastewater disposal. Based on this evaluation and the result of public hearings The Town of Catskill is proposing to create the sewer district described herein and connect this system to the Village of Catskill's existing wastewater system.

As a solution to meeting the wastewater disposal needs of the hamlets of Leeds and Jefferson Heights, the Town of Catskill proposes to form a sewer district and construct a wastewater collection system along the Route 23B corridor from the Village of Catskill through the Hamlet of Jefferson Heights and through the Hamlet of Leeds with a service area that includes both hamlets and all parcels bordering the sewer main route along Route 23B. Wastewater collected in the Town of Catskill Sewer District would then flow into the existing Village of Catskill collection system for treatment at the Village wastewater treatment facility. The District is defined by the lands contained in the tax parcels listed and described in Table 1, and as shown in Figure 1.

### **3.0 GENERAL PLAN OF IMPROVEMENTS**

The Hamlet of Leeds has a population of approximately 377 people dwelling and working along Route 23B and associated side roads in the Town of Catskill. The hamlet is largely residential in nature, with several light commercial properties along Route 23B including restaurants, hotels, and other small businesses. Most developed residential properties in Leeds are less than a half-acre in size, and many are no larger than a tenth of an acre. All homes and businesses in Leeds are reportedly served by conventional septic systems, with the exception of the Post Office which is served by an engineered wastewater treatment system. With little exception, the majority of properties in Leeds considered for the wastewater service as part of this project are provided with potable water by the Village of Catskill through metered service connections.

In approximately 2003, New York Department of Health (DOH) staff identified four properties along Route 23B in Leeds where wastewater lines were cross-connected with nearby storm sewers. Since then, additional properties with either cross-connections or significantly deficient wastewater disposal systems have been identified in Leeds. While the issues have at present been addressed by either the removal of the cross-connection or the installation of pump-and-haul tanks combined with site-specific methods of decreasing the amount of wastewater produced by the properties, it is likely that more cross-connections remain. In addition, many septic systems are old and failing, or are constructed on lots too small to support a leach field of sufficient size based on current standard methods of subsurface wastewater disposal. And pump and haul is not a sustainable solution for those properties now relying on it.

The Hamlet of Jefferson Heights is inhabited by approximately 1,090 people living in homes and apartments along Route 23B and side roads in the Town of Catskill, just outside the Village of Catskill. Land use in the hamlet is largely residential in nature, with a small light commercial district located along Route 23B. Many residential properties in Jefferson Heights are approximately a half-acre in size. It is reported that all properties in Jefferson Heights are served by conventional septic systems, with the exception of commercial users southeast of the Greene Medical Arts facility. With little exception, the majority of properties in Jefferson Heights considered for the wastewater service as part of this project are provided with potable water by the Village of Catskill through metered service connections.

With the exception of systems that have been since repaired or replaced due to deficient operation, is believed that most septic systems in Jefferson Heights date back to the original construction of the homes, estimated to be the 1960's. Given the size and development of the residential parcels it is possible that many of the existing septic systems would not meet current design standards for subsurface wastewater disposal.

Greene County owns and maintains approximately 3,200 linear feet of sanitary sewer along Route 23B in the Town of Catskill. The sewer main is constructed of concrete and is of varying size between 18-inch and 24-inch diameter. It was constructed in approximately 1974 to serve the former County Hospital, which is now the Greene County Medical Arts facility. The sewer main connects to the Village of Catskill wastewater collection system upstream of the Allen Street Wastewater Pump Station owned and operated by the Village. In 2013, an investigation of the sewer main was conducted to determine its condition. The sewer main was found to be in

excellent condition, with no significant observable deficiencies, and has been determined to be capable of accepting additional proposed wastewater flow from the Town of Catskill.

While wastewater flows through the Greene County sewer line are not measured, based on a review of water usage by users known to be connected to this sewer main, daily average flows have been estimated to be approximately 40,000 gpd. This section of collection system is the only wastewater infrastructure owned by Greene County. The County has indicated that it wishes to transfer the sewer main to the Town of Catskill at such time as the Town forms an appropriate special district to operate the sewer system.

The Village of Catskill owns and operates a wastewater collection and treatment system serving residential and commercial properties within the Village. The collection system consists of approximately 95,000 linear feet of collection main as well as a Wastewater Treatment Facility that was constructed in 1971. The WWTP provides primary and secondary treatment to wastewater collected by the Village collection system. The plant includes influent screening via a manual bar rack, grit settling chambers, primary clarifiers, trickling filters, and a final settling/chlorine contact tank. The treatment facility has a State Pollution Discharge Elimination System (SPDES) permitted maximum average monthly flow rate of 1.55 million gallons per day (MGD). Above this permit limit, the treatment facility has a hydraulic design capacity of 3.2 MGD.

The Leeds and Jefferson Heights Sewer District is proposed to consist of a municipally owned wastewater collection system constructed to serve the Route 23B corridor in the Town of Catskill, as well as associated side roads in the hamlets of Leeds and Jefferson Heights. This collection system would connect to the existing Village of Catskill wastewater collection system. Topography with the proposed sewer district is such that a system of gravity sewers, wastewater pump stations, and forcemains will be required to convey wastewater to the connection with the existing Village of Catskill wastewater collection system. As the proposed Town of Catskill Sewer District is primarily residential and light commercial in nature with no significant industrial users, the quality of collected wastewater is not expected to be different in compositions from wastewater collected in other residential areas and collection systems.

Water usage data obtained from the Town of Catskill indicated that the average water usage by single family homes in the Leeds area was 160 gallons per day (gpd). As a result, the daily average flow rate per equivalent dwelling unit (EDU), that is, the equivalent flow of wastewater from one residence has been set at 160 gpd. Larger users, such as multifamily residences and restaurants have been estimated based on multiples of EDUs. For example, a restaurant producing an average daily flow of 600 gpd of wastewater would produce the same amount of wastewater as 3.75 single family homes, and as a result, would be considered to represent 3.75 EDUs. Water usage rates supplied by the Town of Catskill for businesses and multifamily homes on Route 23B were used as the basis for EDU calculations.

Based on an analysis of current water usage trends in the project area, the proposed Town of Catskill collection system consists of 769 EDUs. At current water usage rates, this is equivalent to a daily average wastewater flow of approximately 123,000 gpd. Of this projected usage approximately 40,000 gpd (the equivalent of 250 EDUs) is currently collected by the existing

Greene County sewer line and treated by the Village of Catskill wastewater treatment facility. Projecting for additional growth through development of currently vacant properties, the Town collection system will consist of 841 EDUs.

#### **4.0 DESCRIPTION OF FACILITIES**

##### **4.1 Proposed Collection System**

As part of the proposed project, sewer mains would be constructed along Route 23B in Leeds and Jefferson Heights with a connection to the existing Greene County sewer line at the Greene Medical Arts Center. Sewer lines would also be installed to serve side roads and properties in both the Leeds and Jefferson Heights areas. Wastewater pump stations are required to convey the wastewater. Preliminarily, a pump station would be required in downtown Leeds, near Park Avenue in Leeds, and near Forest Hills Ave/NYS Thruway Exit 21 in order to provide service to areas where gravity flow to the Village of Catskill would not be possible. Grinder pumps would also be installed to serve individual properties within the proposed district where gravity flow is not possible based on site elevations, but where full-size pump stations would not be economically feasible. A preliminary layout of the proposed collection system can be found in Figure 1.

Greene County has indicated that it is prepared to transfer ownership of the County's line along 23B to the Town. Properties currently served by the County sewer line would be included in the proposed Town sewer district. Calculations based on the size and slope of this existing collection system have determined that the installed main has a flow capacity of approximately 6 MGD; significantly greater than the maximum daily wastewater flows expected from the proposed Town wastewater district.

##### **4.2 Proposed Village of Catskill Wastewater System Improvements**

In addition to the construction of the proposed Town collection system, improvements will be necessary to the existing wastewater infrastructure in the Village of Catskill in order to accommodate the proposed increase in flow and to allow for effective and efficient treatment of the received wastewater.

All wastewater entering the Village collection system from the Town of Catskill will flow to existing Village Pump Station No. 3 (commonly referred to as the Allen Street Pump Station). The Allen Street Pump Station includes three pumps with a capacity of 560 gpm each, providing a total pumping capacity of 1120 gpm with one pump offline. Currently, one of the three pumps is out of service. While much of the equipment in the Allen Street Pump Station is well maintained, it is nearing the end of its operational life. As such, it is proposed that, as part of the Town of Catskill project, all pumping and control equipment be replaced at the pump station, and electrical equipment be replaced or upgraded as necessary. During 2012, further work was performed by the Village in the area served by the Allen Street Pump Station to separate sanitary and storm sewers and replace deficient sections of sewer main. It is understood that the Village intends to continue this work until it is fully implemented.

## **5.0 PROPOSED DISTRICT OPERATIONS**

The Town of Catskill and the Village of Catskill have executed an Intermunicipal Agreement that obligates the Village to accept and treat wastewater from the proposed Town collection system. A copy of the agreement between the Town and the Village has been included in Appendix A to this report. Furthermore, there currently exists along Route 23B a wastewater collection system connected to the Village of Catskill wastewater system which is owned by Greene County and operated by the Village according to a contract operations agreement. As part of the proposed project, ownership of this portion of sewer main would be transferred from Greene County to the Town for inclusion in the proposed Town sewer district.

As part of the proposed Town of Catskill Sewer Use Law, all properties whether existing or future located within a set distance of the completed sewer main will be required to connect to the system. Existing residences as of the date of completion and certification of the installed sewer main will have a determined period of years to connect to the sewer main.

## **6.0 REGULATORY REVIEW AND APPROVAL REQUIRED PRIOR TO CONSTRUCTION**

Design and construction of the proposed sewer system will be performed in conformance with *Recommended Standards for Wastewater Facilities - Great Lakes Upper Mississippi River Board of State Public Health & Environmental Managers*, dated 2004 and commonly referred to as the Ten States Standards, and applicable NYSDEC Design Standards. Additional site-specific standards such as those specified and recommended by agencies such as the Greene County Highway Department, New York State Thruway Authority and the US Army Corps of Engineers will be utilized as applicable. Regulatory review and approval will be obtained prior to the initiation of construction. A coordinated review was completed under SEQR with the Town acting as lead agency. A Negative Declaration was adopted September 18, 2013.

## **7.0 MAXIMUM AMOUNT TO BE EXPENDED**

Preliminary construction costs, including all material, labor, engineering, legal, and administration costs for the proposed Town of Catskill collection system have been estimate to be approximately \$11,098,000. These costs also include estimates of necessary upgrades to the Village of Catskill wastewater collection and treatment system, including the repair or replacement of deficient sewer mains along the flow path through the Village collection system taken by wastewater flows from the Town collection system as well as upgrades and equipment replacement at the existing Allen Street Wastewater Pump Station (owned and operated by the Village). These upgrades include the provision of new pumps and variable frequency drives capable of handling the increased flows received by the pump station, a new comminutor, and the installation of an emergency generator to provide power during periods of interruption of electrical service to the pump station. A cost estimate is provided in Table 2.

Given that these are estimates, the maximum amount to be expended is \$12,000,000.

## **8.0 COST OF HOOK-UP FEES, IF ANY**

The Town of Catskill does not propose that the District charge any hook-up fees. The cost of plumbing connections to the sewer main shall be borne by each property owner individually.

## **9.0 DETAILED EXPLANATION OF COSTS**

The proposed costs to the typical user are based on three elements: (1) a share of debt service (2) operations/maintenance of the sewer district and (3) the cost of wastewater treatment through the Village. Debt service and operations and maintenance are to be charged on a benefit basis. Treatment costs are based on water use.

### **9.1 Debt Service**

Debt service shall be paid by the owners of all existing properties in the proposed District, including those which are currently vacant, unoccupied, or undeveloped, and shall be paid by property owners to the Town of Catskill. For purposes of debt service, all developed properties have been allocated EDUs based on water usage (with the minimum being 1 EDU), while vacant properties have been assigned 1 EDU, regardless of size or land use. In the event that these vacant properties are developed, they will be reallocated debt service EDUs based on water usage (but shall not be allocated less than 1 EDU). There currently exist 841 EDUs for the purposes of debt service.

The Town of Catskill has listed the Leeds and Jefferson Heights Sewer District project on the 2014 Clean Water State Revolving Fund (CWSRF) Intended Use Plan (IUP) in Category A on the Annual List and the listing has been assigned 53 points (See Appendix C). The Subsidy Line for Category A is 10 points (See Appendix D); therefore, financing through the CWSRF program is available at the 50% subsidy rate, which according to CWSRF co-funding program representatives is currently 1.84% for terms up to 30 years.

If the Town were to borrow \$11,098,000 for 30 years at a 1.84% interest rate, the resulting annual debt payment, including both principal and interest, would be approximately \$484,690. Dividing the annual debt repayment cost of the project by the number of debt service EDUs results in an annual debt service charge of approximately \$576/EDU.

A list of all the properties in the proposed District and their assigned Benefit Units is provided in Table 1.

### **9.2 Operation and Maintenance Costs**

Operation and maintenance (O&M) costs for the collection system, including materials, labor, and electrical service to the wastewater pump stations have been estimated to be approximately \$25,000 per year. As the Town does not currently have sufficient staff to operate the collection system, the Town will contract for the operation of the collection system and pumping stations. Operation and maintenance costs shall be paid by the owners of all properties served by (connected to) the proposed Town collection system, and payments shall be made to the Town of Catskill. For purposes of calculating O&M charges for the typical users, all developed properties have been allocated EDUs based on water usage (with the minimum being 1 EDU). Vacant,

unoccupied or undeveloped properties, or properties not connected to the collection system will not be billed for O&M charges. Based on current development and water usage for developed properties, there currently exists 769 EDUs for the purposes of determining O&M charges. Dividing the projected annual O&M costs by this number of EDUs results in an annual O&M charge estimated at approximately \$33/EDU.

### **9.3 Wastewater Treatment Costs**

Costs for the treatment of wastewater flows from the proposed collection system (which include pumping and operation and maintenance of the Village of Catskill sewer system) will be billed quarterly to users by the Village based on water usage as metered by the Village. The rate charged to users is defined in the Intermunicipal Agreement between the Town and the Village (see Appendix A), and is set as 1.2 times the rate charged to existing users located within the Village. A copy of the current Village sewer use rates (as of 2014) has been included in Appendix B. For the typical single family residential user with an average water use of 160 gpd (equivalent to 1 EDU as calculated for purposes of debt service and O&M costs), this treatment rate will amount to approximately \$381 annually.

Existing properties connected to the existing Greene County collection system are currently billed wastewater treatment rates as shown under "Outside Village" rates as shown on the Village of Catskill sewer use rates included in Appendix B. In order to avoid a shortfall of revenue for the operation of the Village wastewater collection and treatment system, these users will continue to be charged the rate shown until the commissioning of the proposed Town collection system at which point the inclusion of new users will offset the decrease in the wastewater treatment rate charged to these customers.

## 10.0 COST TO THE TYPICAL PROPERTY

As discussed above, the total annual sewer use rate will be composed of the debt service for the capital construction cost of the collection system, the operation and maintenance of the system itself (as charged to users by the Town of Catskill), and the treatment cost as charged by the Village of Catskill for the acceptance and treatment of wastewater received from the Town. For the single family residences (the most common property use within the proposed district) with average water usage rates equivalent to 1 EDU (160 gpd), the annual service charges are as follows:

Debt Service Costs	\$576
O&M Costs	\$33
Treatment Costs	\$381
<b>Annual User Cost</b>	<b>\$990</b>

## 11.0 METHOD OF FINANCE

The Town intends to issues bonds to the NYS Environmental Facilities Corporation and secure project financing through the CWSRF program.

The cost to the typical property owner incorporated in Section 10.0 of this report is based on currently secured subsidized borrowing through the CWSRF program with an interest rate of 1.84% for a term of 30 years. Because the Town of Catskill's project is listed above the Subsidy Line in Category A, the Town is eligible to submit an application for Hardship financing which could reduce the interest rate to 0% with a term of 30 years. This would reduce the annual debt payment to approximately 369,933 resulting in a Debt Service Charge to the typical user of \$440. Taking into consideration the projected O&M and Treatment costs, the total cost to the typical user could be \$854 if Hardship financing is secured.

In addition, the Town may seek Community Development Block Grant (CBDG) funds through the NYS Office of Community Renewal. Through this program, it is possible that the Town could receive a \$600,000 grant based on 2014 Consolidate Funding Application program criteria. The \$600,000 grant would reduce the total amount of funds to be borrowed from the CWSRF program.

However, because neither Hardship financing through the CWSRF program nor CBDG funds have been secured, the estimated cost to the typical user is \$990 a year.

## **12.0 STATEMENT AS TO BENEFIT ASSESSMENT**

As required by Article 12-A of the Town Law, the costs associated with debt service and operation and maintenance of the Town Sewer District will be charged on a benefit basis. Service charges for treatment of wastewater by the Village of Catskill are based on water use or equivalent.

## **13.0 SUMMARY**

Due to reasons including density of development and local site conditions, there are limitations and deficiencies to use of onsite treatment of wastewater, and thus a need for the construction of a centralized wastewater collection and treatment system, in areas of the Town of Catskill, including the Hamlet of Leeds, the Route 23B corridor, and the Jefferson Heights area. In addition to environmental concerns, there exists additional economic benefit and development potential to the establishment of the Sewer District proposed in this Map, Plan, and Report.

In order to fulfill these needs, the Town of Catskill intends to proceed with the design and construction of a wastewater collection system to connect to the existing collection and treatment system owned and operated by the Village of Catskill. To this end, the Town of Catskill and Village of Catskill have executed an Intermunicipal Agreement by which to provide collection and treatment of wastewater collected within the proposed District. The estimated capital construction cost of the proposed system is approximately \$11,098,000, which represents an annual cost of \$990 in sewer use charges to the average single family residence within the proposed District. Following acceptance of this Map, Plan, and Report by the Town of Catskill and conduct of a public hearing as well as permissive referendum period, and review and approval of the District by the New York State Comptroller's Office, the Town of Catskill intends to establish a Sewer District as described in this report, and continue with planning, detailed design, and construction of the proposed wastewater collection system.

**TABLE 1**

**Proposed Sewer District Parcels and Benefit Unit Assignment**

Table 1  
Town of Catskill Sewer District  
District Parcels & Benefit Unit Assignment

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.00-11-4.1	210	1	1	855	Route 23B		Carl, Robert G.
138.00-11-4.2	322	1	0		Route 23B		Carl, Robert G.
138.00-11-6	210	1	1	829	Route 23B		Carl, Robert G.
138.00-11-7	210	1	1	807	Route 23B		Carl, Richard
138.00-12-1.1	485	1	0	12	Catskill	Dr	Route 23 Construction Corp.,
138.00-12-1.2	220	2	2	9	Catskill	Dr	Coletti, David
138.00-13-2	210	1	1	130	Forest Hills	Ave	Hagan, Lorraine E.
138.00-14-1	415	12	0	704	Route 23B		Kolath Hotels & Casinos Inc,
138.00-15-21	330	1	0	370	Route 23B		Co Gr Hospitality Group Inc,
138.00-15-24	553	4	4	27	Brooks	Ln	Catskill Golf Club Inc,
138.00-17-1.2	486	3	3	705	Route 23B		Stewart's Ice Cream Co Inc,
138.00-17-2	453	16	16	695	Route 23B		HD Development of Maryland Inc,
138.04-1-2.2	314	1	0		Route 23B		Mid Valley Oil Co Inc,
138.04-1-3	486	2	2	375	Route 23B		Mid Valley Oil Co Inc,
138.04-1-4	314	1	0		Route 23B		2-F 2-L Land Ltd,
138.04-2-10	210	1	1	14	James	Pl	Rowe, Joseph B. Jr
138.04-2-11	314	1	0		James	Pl	Siecinski, Ave Maria
138.04-2-12	210	1	1	23	James	Pl	Fallarino, Albert
138.04-2-13	210	1	1	27	James	Pl	Logan, Peter G.
138.04-2-15	431	1	1	350	Route 23B		Winter, John K.
138.04-2-16	464	1	1	300	Route 23B		Marshall & Sterling Realty Inc,
138.04-2-5	210	1	1	7	Locust	Park	Vipler, David
138.04-2-6	210	1	1	4	Locust	Park	Gjergji, Gjin
138.04-2-7	210	1	1	2	Locust	Park	Smith, Martin C.
138.04-2-8	281	1	1	25	Brooks	Ln	Ashley, James
138.04-2-9	210	1	1	24	Brooks	Ln	Leach, Gerald T.
138.06-3-1	210	1	1		Green Lake	Rd	McLaughlin, Michael
138.06-3-10	482	1	1	1148	Main	St	Ludman Holding Company LLC,

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.06-3-11	418	1	0	1158	Main	St	Stockbridge-Munsee Comm,
138.06-3-12.1	210	1	1	1166	Main	St	Mahoney, George
138.06-3-12.2	411	1	1	1170	Main	St	Tepper, William W.
138.06-3-13	210	1	1	49	Green Lake	Rd	Ranzanici, Anthony
138.06-3-14	314	1	0	121	Green Lake	Rd	Ferro, Cosmo
138.06-3-15	260	1	1	83	Green Lake	Rd	Gholizadeh, Hassan
138.06-3-3	210	1	1	53	Green Lake	Rd	Bellens, Marie Sandra
138.06-3-4	314	1	0		Green Lake	Rd	Ranzanici, Anthony
138.06-3-5	695	0	0		Green Lake	Rd	Cemetery,
138.06-3-6	314	1	0	35	Green Lake	Rd	Smith, Robyn J.
138.06-3-7	210	1	1	29	Green Lake	Rd	Shultis, Emil
138.06-3-8	280	1	1	25	Green Lake	Rd	Nelson, Claris M.
138.06-3-9	220	2	2	13	Green Lake	Rd	Porter, Anthony J.
138.06-4-1	280	1	1	110	Green Lake	Rd	Rose, Edwin R. Jr
138.06-4-10	210	1	1	32	Green Lake	Rd	Rowell, Joel S.
138.06-4-11	210	1	1	24	Green Lake	Rd	Szmidt, Mary A.
138.06-4-12	210	1	1	20	Green Lake	Rd	VanVechten, Kevin
138.06-4-13	260	1	1	16	Green Lake	Rd	Greaney, John J.
138.06-4-14	260	1	1	14	Green Lake	Rd	Zrinski, Franc M.
138.06-4-15	210	1	1	12	Green Lake	Rd	Craig, Brian
138.06-4-16	314	1	0		Green Lake	Rd	Craig, Brian
138.06-4-17	314	1	0		Route 23B		Gilfeather, Michael
138.06-4-18	210	1	1	1136	Main	St	Martinez, Prisciliano A.
138.06-4-19	482	1	1	1128	Main	St	Graham, Vincent J. Jr
138.06-4-2	210	1	1	90	Green Lake	Rd	Casabella, Suzanne R.
138.06-4-20	415	2	2	1114	Main	St	Sheerin, James P.
138.06-4-21	230	3	3	19	Church	St	Sheerin, James
138.06-4-22	281	1	1	45	Church	St	D'angelo, Anthony D.
138.06-4-23	210	1	1	49	Church	St	Augsburger, Dawn E.
138.06-4-24	220	2	2	59	Church	St	Gansberg, Michael
138.06-4-25	210	1	1	63	Church	St	Weisman, Sheila G.
138.06-4-26	314	1	0		Church	St	Breunig, Charles F.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.06-4-27	210	1	1	95	Church	St	Harrington, Catherine A.
138.06-4-28	210	1	1	107	Church	St	Woodbeck, Louis
138.06-4-29	270	1	1	112	Green Lake	Rd	Rose, Douglas W.
138.06-4-3	210	1	1	86	Green Lake	Rd	Callaghan, Bridget M.
138.06-4-4	210	1	1	80	Green Lake	Rd	Denniston, Marvin
138.06-4-5	210	1	1	72	Green Lake	Rd	Killourhy, Mary
138.06-4-6	210	1	1	62	Green Lake	Rd	Hall, Michael J.
138.06-4-7	210	1	1	42	Green Lake	Rd	Murphy, Thomas
138.06-4-8	210	1	1	50	Green Lake	Rd	Rose, Douglas W.
138.06-4-9	210	1	1	34	Green Lake	Rd	Kern, Sarah E.
138.06-5-1	210	1	1	48	Church	St	Wilkins, Eddie J. Jr
138.06-5-2	411	3	3	62	Church	St	Sapunarich, James A.
138.06-5-3	210	1	1	64	Church	St	Hilcken, Francine E.
138.06-5-4	210	1	1	68	Church	St	Minew, Heather L.
138.06-5-5	210	1	1	86	Church	St	Ramirez, Evelyn
138.07-4-1	210	1	1	115	Church	St	Lynch, Theresa Ann
138.07-4-10	210	1	1	128	Church	St	Washburn, John
138.07-4-2	314	1	0		Church	St	Lynch, Michael
138.07-4-3	210	1	1	133	Church	St	Ferguson, Kevin
138.07-4-4.1	260	1	1		Church	St	Ferguson, Desmond and Beatrice
138.07-4-4.2	210	1	1	155	Church	St	Ferguson, Desmond and Beatrice
138.07-4-5	314	1	0		Church	St	Cadogan, Arlene
138.07-4-8	220	2	2	116	Church	St	Miller, Janice E.
138.07-4-9	314	1	0		Church	St	Breunig, Charles F.
138.07-5-1	314	1	0	176	Church	St	Mannino, Giuseppe
138.07-5-10	210	1	1	100	Park	Ln	Brennan, Thomas J.
138.07-5-12	314	1	0		Park	Ln	Calabro, M & J
138.07-5-13	314	1	0	5	Rosemary's	Way	Dedrick, Rosemary
138.07-5-18	210	1	1	5	Rosemarys	Way	Schmitt, Robin
138.07-5-19	210	1	1	10	Rosemarys	Way	Doidge, Jamie M.
138.07-5-20	210	1	1	7	Rosemarys	Way	Wilson, Deborah L.
138.07-5-5	210	1	1	88	Park	Ln	Guerrieri, Vincenzo

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.07-5-6	210	1	1	82	Park	Ln	Layton, Charlotte
138.07-5-7	210	1	1	96	Park	Ln	Guerrieri, Vincenzo
138.10-1-1	483	6	6	1122	Main	St	Miller, Leland E.
138.10-1-2	483	1	1	1126	Main	St	Bartels, Eugene E.
138.10-1-3	483	2	2	1116	Main	St	Sheerin, James
138.10-2-1	311	1	0	25	Church	St	Sergy, David S.
138.10-3-1	210	1	1	40	Church	St	Meade, Helen
138.10-3-12	210	1	1	1064	Main	St	Mitchell, John
138.10-3-13	210	1	1	20	Weissel	Ave	Breunig, Frederick J.
138.10-3-14	210	1	1	14	Weissel	Ave	Schneider, Eric
138.10-3-15	210	1	1	16	Weissel	Ave	Rowell, Craig M.
138.10-3-16	210	1	1	1060	Main	St	Breunig, Thomas D.
138.10-3-17.1	210	1	1	9	Weissel	Ave	Stile, Charles A.
138.10-3-17.2	210	1	1	1054	Main	St	Berlt, Marlene
138.10-3-18	210	1	1	1048	Main	St	Kirch, Christine E.
138.10-3-19	411	3	3	1042	Main	St	Seasonal Views, Inc.,
138.10-3-2	314	1	0		Church	St	Matthews, Angeline
138.10-3-20	330	1	0		Route 23B		Fuda, Domenico
138.10-3-21	220	2	2	1034	Main	St	Fuda, Domenico
138.10-3-22	314	1	0		Route 23B		Coccosis, Harry
138.10-3-23	220	2	2	1082	Main	St	Quackenbush, Benjamin
138.10-3-24	433	1	0	1078	Main	St	Powers, Linda M.
138.10-3-25	484	1	0	1100	Main	St	Ferro, Michael C.
138.10-3-26	210	1	1	22	Church	St	Walsh, William T.
138.10-3-27	485	1	0	1092-1	Main	St	Walsh, William T.
138.10-3-3	210	1	1	28	Church	St	Tomlin, Douglas J.
138.10-3-6	220	2	2	1088	Main	St	Prizant, Nathan
138.10-3-8	210	1	1	1080	Main	St	Hand, Diana L.
138.10-4-1	210	1	1	1169	Main	St	Shadley, Stephen
138.10-4-10	483	1	1	1093	Main	St	Maurer, Catherine
138.10-4-11	482	2	2	1089	Main	St	Maurer, Catherine
138.10-4-16	314	1	0		Route 23B		Fuda, Domenico

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUs	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.10-4-2	314	1	0		Route 23B		Gilfeather, Michael
138.10-4-21	312	1	0		Route 23B		Walsh, William T.
138.10-4-22	340	1	0	1043	Main	St	Rivers Electric Co Inc,
138.10-4-24	210	1	1	1037	Main	St	Rothrock, Larry
138.10-4-26	281	1	1	1067	Main	St	Sama, Jalin
138.10-4-27	210	1	1	1079	Main	St	Sama, Jalin
138.10-4-3.1	418	3	3	1147	Main	St	O'Brien, Patrick T.
138.10-4-3.2	652	1	1	1155	Main	St	Bannon, Brian
138.10-4-4	330	1	0		Route 23B		Byrne, Gertrude
138.10-4-5	421	7	7	1125	Main	St	Byrne, Gertrude
138.10-4-6	484	1	1	1113	Main	St	Walsh, William A.
138.10-4-7	220	2	2	1107	Main	St	Frantz, Cynthia A.
138.10-4-8	483	1	1	1103	Main	St	Adamski, Raymond
138.10-4-9	230	3	3	1099	Main	St	Paolino, Jeffrey
138.11-1-1	281	1	1	1026	Main	St	Perrone, John
138.11-1-10	210	1	1	118	Park	Ln	Citera, Antonio
138.11-1-11	210	1	1	112	Park	Ln	Calabro, M & J
138.11-1-13	662	0	0	970	Main	St	Leeds Hose Co 1 Inc,
138.11-1-14	210	1	1	109	Park	Ln	Wernhammer, Ellen
138.11-1-15	314	1	0		Park	Ln	Wernhammer, Ellen
138.11-1-16	210	1	1	99	Park	Ln	Baxter, Francis G.
138.11-1-17	210	1	1	105	Park	Ln	Warner, Keith
138.11-1-18	210	1	1	79	Park	Ln	Baxter, Francis G.
138.11-1-19	210	1	1	912	Main	St	Powers, Robert M.
138.11-1-2.1	220	2	2	1014	Main	St	Fischer, Aloysius J.
138.11-1-2.2	312	1	0		Main	St	Fischer, Richard A.
138.11-1-20	210	1	1	53	Park	Ln	Cerami, Ernest
138.11-1-21	314	1	0		Park	Ave	Stankovich, Stanley A. Trustee
138.11-1-22	210	1	1	886	Main	St	Stankovich, Family Trust, Beulah
138.11-1-23	210	1	1	884	Route 23B		Mueller, John H.
138.11-1-3	210	1	1	1002	Main	St	Lampman, Stephen V.
138.11-1-4	312	1	0	998	Main	St	Fischer, Richard A.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.11-1-5	210	1	1	996	Main	St	Fischer, Richard A.
138.11-1-6	210	1	1	1000	Main	St	Gaffney, Tracy A.
138.11-1-7	484	1	1	158	Park	Ln	Fischer, Richard A.
138.11-1-8	210	1	1	150	Park	Ln	Schultz, Geraldine
138.11-1-9	210	1	1	134	Park	Ln	Bagalonis, Brian
138.11-2-1	210	1	1	76	Park	Ln	Robinson, Todd A.
138.11-2-10	210	1	1	23	Park	Ave	Lawrence, Jessica
138.11-2-11	210	1	1	31	Park	Ave	Mylott, Gary D.
138.11-2-12	210	1	1	39	Park	Ave	Cutler, Ralph W.
138.11-2-13	210	1	1	45	Park	Ave	Hoovler, Shelley D.
138.11-2-14	210	1	1	55	Park	Ave	Pickens, Richard
138.11-2-15	210	1	1	38	Park	Ln	Wise, Andrew
138.11-2-2	314	1	0		Park	Ln	Cerami, Ernest X.
138.11-2-3	260	1	1	72	Park	Ln	Lapp, Stephen Jr
138.11-2-4	210	1	1	64	Park	Ln	Antonelli, Catherine V C.
138.11-2-5	210	1	1	22	Park	Pl	Baxter, Patricia
138.11-2-6	210	1	1	14	Park	Pl	Mahoney, Thomas G.
138.11-2-9	210	1	1	15	Park	Ave	Rose, Joni L.
138.11-3-1	210	1	1	64	Park	Ave	Wase, Ernest J.
138.11-3-10	415	5	5	810	Route 23B		Carl, Robert
138.11-3-11	314	1	0		Forest Hills	Ave	Accornero, John C. Sr
138.11-3-12	210	1	1	115	Forest Hills	Ave	Naccarato, John
138.11-3-15.1	312	1	0	74	Forest Hills	Ave	Jones Pforte, Ruth
138.11-3-15.2	220	2	2	60	Forest Hills	Ave	Jones, Golda
138.11-3-16	417	1	0	88	Forest Hills	Ave	Carl, Robert
138.11-3-18	260	1	1	66	Forest Hills	Ave	Pierson, Jennifer B.
138.11-3-19	210	1	1	50	Forest Hills	Ave	Parish, Jeffrey W. Jr
138.11-3-2	314	1	0		Park	Ave	Macconnoran, Desmond
138.11-3-20	210	1	1	44	Forest Hills	Ave	Munoz, Marlon A.
138.11-3-21	210	1	1	34	Forest Hills	Ave	Sekola, Florence
138.11-3-22	421	4	4	800	Route 23B		800 Rt 23B Corp,
138.11-3-23.1	210	1	1	27	Forest Hills	Ave	Hoyt, Peter

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUs	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.11-3-23.2	260	1	1	29	Forest Hills	Ave	Carl, Robert G.
138.11-3-24	210	1	1	836	Route 23B		Slocum, Eldon S.
138.11-3-25	210	1	1	104	Forest Hills	Ave	Schumacher, Matthew C.
138.11-3-3	260	1	1	46	Park	Ave	MacConnor, Desmond M.
138.11-3-4	210	1	1	44	Park	Ave	Schmidt, Hilary
138.11-3-5	210	1	1	32	Park	Ave	Sachdev, Jyoti Kumar
138.11-3-6.1	314	1	0		Park	Ave	Sachdev, Jyoti Kumar
138.11-3-6.2	314	1	0		Park	Ave	Pickens, Richard
138.11-3-7	210	1	1	12	Park	Ave	Pickens, Richard
138.11-3-8	210	1	1	10	Park	Ln	Morelli, Michele
138.11-3-9	210	1	1	856	Route 23B		VanVechten, Geraldine
138.11-4-1	210	1	1	1019	Main	St	Chovanec, Michael
138.11-4-2	210	1	1	2	Creek	Ln	Fitzgerald, Patricia
138.11-4-3	210	1	1	1	Creek	Ln	Lunde, John
138.11-4-4	314	1	0		Main	St	Lampman, Stephen V.
138.11-4-5	210	1	1	997	Main	St	Bergeron, Margarete L.
138.11-4-6	421	3	3	969	Main	St	Andrews, Philip
138.11-4-7	417	1	1	875	Route 23B		Abel, Fred L.
138.11-4-8	230	3	3	881	Route 23B		Abel, Fred
138.11-4-9	210	1	1	863	Route 23B		Abel, Fred L.
138.15-1-1	484	1	1	791	Route 23B		Carl, Deborah S.
138.15-1-10	210	1	1	5	Catskill	Dr	Nixdorf, Sandy
138.15-1-11.1	210	1	1	8	Forest Hills	Ave	Gjergji Enterprises, LLC,
138.15-1-11.2	210	1	1	4	Catskill	Dr	Bourke, George R. Jr
138.15-1-12	421	2	2	746	Route 23B		Gjergji Enterprises, LLC,
138.15-1-2	210	1	1	779	Route 23B		Abushqair, Luay
138.15-1-3	210	1	1	773	Route 23B		Szego, Antonia
138.15-1-4	210	1	1	767	Route 23B		Carl, Robert G.
138.15-1-5	210	1	1	757	Route 23B		Yannone, Joseph
138.15-1-6	210	1	1	747	Route 23B		Yannone, Joseph
138.15-1-7	314	1	0		Route 23		Carl, Robert G.
138.15-1-8	210	1	1	15	Forest Hills	Ave	Gjergji, Gjini

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
138.15-1-9	210	1	1	28	Forest Hills	Ave	McDonough, Josephine
155.00-3-1.1	240	1	1	269	Jefferson	Hts	Waldron, Joan
155.00-3-1.2	210	1	1	273	Jefferson	Hts	Waldron, Arthur R.
155.02-1-1	433	1	1	232	Route 23B		Pooters, Edward A.
155.02-2-1	210	1	1	2	Austin Acres		Vendriesco, Ralph
155.02-2-2	210	1	1	263	Jefferson	Hts	Attenborough, Richard B. Sr
155.02-2-3	220	2	2	259	Jefferson	Hts	Forstman, John H. Jr
155.02-2-4	210	1	1	7	Austin Acres		Jeune, Marie R.
155.02-2-5	210	1	1	9	Austin Acres		Nolan, Patrick & Bridget
155.02-2-6	210	1	1	11	Austin Acres		Riley, Thomas F.
155.02-2-7	312	1	0		Austin Acres		Visconti, Emil J.
155.02-2-8	210	1	1	12	Austin Acres		Forstman, John H. Jr
155.02-2-9	210	1	1	261	Jefferson	Hts	Antonelli Irrevocable Trust, Albert A.
155.02-3-3	632	2	2	45	Jefferson	Ave	Catskill Lodge B Elks 1341,
155.02-3-5	210	1	1	40	Jefferson	Ave	Seibel, Philip
155.02-4-1	210	1	1	61	Austin Acres		Mahoney, Daniel C.
155.02-4-2	210	1	1	65	Austin Acres		Kelley, Casey
155.02-4-5	210	1	1	62	Austin Acres		Petramale, Carol T.
155.08-1-10	210	1	1	20	Brooks	Ln	Boyer, William
155.08-1-11	210	1	1	22	Brooks	Ln	Lacy, Roscoe C.
155.08-1-12	210	1	1	18	James	Pl	Menschling, Marian M.
155.08-1-13	210	1	1	22	James	Pl	Schermerhorn, Helen
155.08-1-14	210	1	1	26	James	Pl	Vizzie, Anthony
155.08-1-16	210	1	1	28	James	Pl	Arno, Michael
155.08-1-17	210	1	1	30	James	Pl	Lewis, Kathleen M.
155.08-1-18	210	1	1	32	James	Pl	Kucharek, John
155.08-1-19	210	1	1	33	James	Pl	Yandeau, Thomas A.
155.08-1-2	210	1	1	3	Locust	Park	Moore, Roger E.
155.08-1-20	210	1	1	43	James	Pl	Gjergji, Bib
155.08-1-21	210	1	1	44	James	Pl	Learnihan, James
155.08-1-22	210	1	1	5	Locust	Park	Marquoit, Wayne
155.08-1-3	210	1	1	1	Locust	Park	Holdridge, Floyd T.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.08-1-4	210	1	1	19	Brooks	Ln	Payne, Josephine B.
155.08-1-6	314	1	0		Brooks	Ln	Holdridge, Floyd T.
155.08-1-7	210	1	1	17	Brooks	Ln	Keil, Richard G.
155.08-1-8	210	1	1	16	Brooks	Ln	Ward, Raymond T.
155.08-1-9	210	1	1	18	Brooks	Ln	Fisher, Shaun E.
155.08-2-1	210	1	1	3	Ivy	Ter	Place, Robert J. Jr
155.08-2-10	210	1	1	1	Brooks	Ln	Wadagnolo, Joseph
155.08-2-11	210	1	1	252	Jefferson	Hts	Furyck, Judy L.
155.08-2-13	210	1	1	250	Jefferson	Hts	Arp, Steven D.
155.08-2-14	210	1	1	248	Jefferson	Hts	Angelo, Patrick
155.08-2-15	210	1	1	246	Jefferson	Hts	Cole, Keith
155.08-2-16	210	1	1	244	Jefferson	Hts	Mason, Todd W.
155.08-2-18	210	1	1	242	Jefferson	Hts	Carbone, Daniel F.
155.08-2-19	210	1	1	3	Brooks	Ln	Pedersen, Eric R.
155.08-2-2	210	1	1	1	Ivy	Ter	Kisielewski, Walter B.
155.08-2-20	210	1	1	5	Brooks	Ln	Cruz, Belinda
155.08-2-3	210	1	1	260	Jefferson	Hts	Munnelly, Christine M.
155.08-2-4	210	1	1	256	Jefferson	Hts	Kilmer, Barbara L.
155.08-2-5	210	1	1	2	Ivy	Ter	Donahue, Laura H.
155.08-2-6	210	1	1	4	Ivy	Ter	Purcell, Joseph B.
155.08-2-7	210	1	1	6	Ivy	Ter	Hanusik, Shirley
155.08-2-8	210	1	1	9	Brooks	Ln	Ormerod, Randy M.
155.08-3-1.1	210	1	1	14	Brooks	Ln	Siecinski, Raymond Jr.
155.08-3-1.2	210	1	1	10	Brooks	Ln	Siecinski, Ave Maria
155.08-3-10	210	1	1	3	Country Club	Ests	Martin, Nicholas
155.08-3-11	210	1	1	6	Brooks	Ln	Kamecke, Debra
155.08-3-12	210	1	1	4	Brooks	Ln	Varone, Frank J.
155.08-3-13	210	1	1	15	Country Club	Ests	Hussey, Richard H.
155.08-3-14	210	1	1	11	Country Club	Ests	Corrado, Nicholas J.
155.08-3-15	210	1	1	9	Country Club	Ests	McCrea, Wm F.
155.08-3-16	210	1	1	20	Country Club	Ests	Distefano, Peter J.
155.08-3-17	210	1	1	16	Country Club	Ests	McCurry, Grace E.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUs	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.08-3-18	210	1	1	14	Country Club	Ests	Zwickel, Charles
155.08-3-19	210	1	1	12	Country Club	Ests	Gertrude T Lynch, Irrev Trust,
155.08-3-2	210	1	1	32	Country Club	Ests	Sundaram, Shanmuga S G.
155.08-3-20	210	1	1	10	Country Club	Ests	Caraballo, Erving Jr
155.08-3-21	210	1	1	8	Country Club	Ests	Slauson, Thomas F.
155.08-3-22	210	1	1	6	Country Club	Ests	Knaust, Adam
155.08-3-23	210	1	1	4	Country Club	Ests	Gottesman, Bart T.
155.08-3-24	210	1	1	2	Country Club	Ests	Lacy, Daniel R.
155.08-3-25	210	1	1	2	Brooks	Ln	Calabrese, Scott
155.08-3-27	210	1	1	240	Jefferson	Hts	Shook, John J. Jr.
155.08-3-28	210	1	1	238	Jefferson	Hts	McCurry, Michael D.
155.08-3-29	471	1	1	234	Jefferson	Hts	Traver & McCurry,
155.08-3-3	210	1	1	28	Country Club	Ests	Dixit, Chandrashekar
155.08-3-30	210	1	1	230	Jefferson	Hts	Seeley, K A.
155.08-3-31	312	1	0		Jefferson Hgts		Seeley, K A.
155.08-3-32	281	1	1	224	Jefferson	Hts	Stott, Robert W.
155.08-3-33	210	1	1	222	Jefferson	Hts	Lyles, John L.
155.08-3-34	210	1	1	220	Jefferson	Hts	Fateh, Abul
155.08-3-35	483	1	1	218	Jefferson	Hts	Fateh, Abul
155.08-3-36	210	1	1	216	Jefferson	Hts	Slonina, Daniel J.
155.08-3-37	210	1	1	214	Jefferson	Hts	Davis, Andrew Jr
155.08-3-38	210	1	1	210	Jefferson	Hts	Moon Living Trust, Francis J.
155.08-3-4	210	1	1	26	Country Club	Ests	Coons, Berton A.
155.08-3-5	314	1	0		Brooks	Ln	Distefano, Leonard
155.08-3-6	210	1	1	24	Country Club	Ests	Distefano, Leonard
155.08-3-7	210	1	1	22	Country Club	Ests	Wheat, Brent D.
155.08-3-8	314	1	0		Brooks	Ln	Distefano, Leonard
155.08-3-9	210	1	1	5	Country Club	Ests	Os, Gertrude M.
155.08-4-1	220	2	2	257	Jefferson	Hts	Piraneo, Robert
155.08-4-10	210	1	1	35	Austin Acres		Antonelli, John
155.08-4-11	210	1	1	30	Austin Acres		Land, Suzanne D.
155.08-4-12	210	1	1	28	Austin Acres		Cinatti, Dominick J.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.08-4-13	311	1	0		Austin Acres		Forstman, John H. Jr
155.08-4-14	210	1	1	34	Austin Acres		Knudsen, Vivian Lynne
155.08-4-15	210	1	1	42	Austin Acres		Miller, Christopher L.
155.08-4-16	210	1	1	41	Austin Acres		Vendriesco, Lynne G.
155.08-4-17	210	1	1	43	Austin Acres		Austin, Patricia Somers
155.08-4-18	210	1	1	7	Wildwing	Park	Caramanica Irrevoc Trust, John
155.08-4-19	210	1	1	5	Wildwing	Park	Close, Victoria L.
155.08-4-2	210	1	1	255	Jefferson	Hts	Ray, Matthew J.
155.08-4-20	210	1	1	3	Wildwing	Park	Stewart, Lawrence E.
155.08-4-21	210	1	1	233	Jefferson	Hts	Daley, Brent E.
155.08-4-22	210	1	1	231	Jefferson	Hts	Peloke, M H.
155.08-4-23	210	1	1	1	Wildwing	Park	Howard, Greg H.
155.08-4-24	210	1	1	57	Wildwing	Park	Lucas, James E.
155.08-4-25	483	1	1	221	Jefferson	Hts	Page, Lincoln E.
155.08-4-26	210	1	1	219	Jefferson	Hts	Schindler, Edward J.
155.08-4-3	210	1	1	251	Jefferson	Hts	Garafalo, James & Marjorie
155.08-4-4	210	1	1	249	Jefferson	Hts	Mills, James P.
155.08-4-5	230	3	3	247	Jefferson	Hts	Lewis, Stephen W.
155.08-4-6.1	210	1	1	19	Austin Acres		Weiss, Teri A.
155.08-4-6.2	210	1	1	245	Jefferson	Hts	Manchester, Lynn S.
155.08-4-7	210	1	1	17	Austin Acres		Visconti, Emil J.
155.08-4-8.1.1	210	1	1	243	Jefferson	Hts	Sira, Paul
155.08-4-8.1.2	210	1	1	23	Austin Acres		Pellegri, Michelle S.
155.08-4-8.2	210	1	1	21	Austin Acres		Philppbar, Mark D.
155.08-4-9	411	7	7	235	Jefferson	Hts	Allied Development LLC,
155.08-5-1.1	210	1	1	19	Howard	Ct	Catskill Group, LLC,
155.08-5-1.2	210	1	1	22	Howard	Ct	Leary, Eleanor
155.08-5-10	210	1	1	20	Jefferson	Ave	Colon, Johnny
155.08-5-2	210	1	1	17	Jefferson	Ave	Gilfeather, Sheila
155.08-5-3	485	2	2	11	Jefferson	Ave	Burch, Janet
155.08-5-4	210	1	1	9	Jefferson	Ave	Thompson, Glen Sr.
155.08-5-5	210	1	1	7	Jefferson	Ave	Hoerning, Elizabeth M.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.08-5-6	210	1	1	12	Jefferson	Ave	Capobianco, Joseph & Mary
155.08-5-7	210	1	1	14	Jefferson	Ave	Enck, Judith S.
155.08-5-8	230	3	3	16	Jefferson	Ave	Realmuto, Susan L.
155.12-1-1	210	1	1	44	Austin Acres		Baker, Rose A.
155.12-1-10	210	1	1	15	Wildwing	Park	Mahoney, George A.
155.12-1-11	210	1	1	17	Wildwing	Park	Mariak, Samuel & Phyllis
155.12-1-14	314	1	0		Wildwing	Park	Fagan, James J.
155.12-1-15	210	1	1	23	Wildwing	Park	Fagan, James J.
155.12-1-16	210	1	1	25	Wildwing	Park	Howser, Nancy M.
155.12-1-17	210	1	1	16	Wildwing	Park	Reilly, Marie
155.12-1-18	210	1	1	14	Wildwing	Park	Castle, Sidney & Marcia
155.12-1-19	210	1	1	12	Wildwing	Park	VanDyke, Lisa K.
155.12-1-2	210	1	1	46	Austin Acres		Spence, William C.
155.12-1-20	210	1	1	10	Wildwing	Park	Blauberg, Chris E. Jr.
155.12-1-21	210	1	1	8	Wildwing	Park	Petrucelli, Anthony J. Sr
155.12-1-22	210	1	1	6	Wildwing	Park	Deliver, Phyllis Wissant
155.12-1-23	311	1	0		Wildwing	Park	Harman, Patricia B.
155.12-1-24	210	1	1	2	Wildwing	Park	Harman, Patricia B.
155.12-1-25	210	1	1	48	Wildwing	Park	Desilva, Judith C.
155.12-1-26	210	1	1	46	Wildwing	Park	Spinelli, Mary A.
155.12-1-27	210	1	1	44	Wildwing	Park	Olivett, Jeannie M.
155.12-1-28	210	1	1	42	Wildwing	Park	McBride, Peter H.
155.12-1-29	210	1	1	40	Wildwing	Park	Simmons, Harold G.
155.12-1-3	210	1	1	45	Austin Acres		Ferraro, Frank A.
155.12-1-30	210	1	1	38	Wildwing	Park	Lacy, James C.
155.12-1-31	210	1	1	36	Wildwing	Park	Liberti, Anthony T.
155.12-1-32	210	1	1	34	Wildwing	Park	O'Grady, John W.
155.12-1-33	210	1	1	27	Wildwing	Park	Jeune, Walter
155.12-1-34	311	1	0		Wildwing	Park	Jeune, Walter
155.12-1-35	210	1	1	21	Wildwing	Park	Murkowski, Werner
155.12-1-36	210	1	1	19	Wildwing	Park	Pilatich, Joseph M. Jr
155.12-1-37	210	1	1	51	Austin Acres		Pilatich, Joseph M. 111

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.12-1-4	210	1	1	47	Austin Acres		Vincent, Oreste
155.12-1-5	210	1	1	49	Austin Acres		Benfatto, Paul A.
155.12-1-7	210	1	1	9	Wildwing	Park	Byrne, Gertrude
155.12-1-8	210	1	1	11	Wildwing	Park	Gilmour, Don & Anna
155.12-1-9	210	1	1	13	Wildwing	Park	Mueller Irrevocable Trust, Henry & Alice
155.12-2-1	210	1	1	217	Jefferson	Hts	Witka, Barbara
155.12-2-10	210	1	1	22	Jefferson	Ave	McHale, Michael J.
155.12-2-11	411	4	4	28	Jefferson	Ave	Awakening Garden LLC,
155.12-2-12.1	210	1	1	46	Jefferson	Ave	Kozloski, Brian J.
155.12-2-12.2	210	1	1	40	Jefferson	Ave	Kozloski, Michelle M.
155.12-2-13	483	1	1	54	Jefferson	Ave	Martin, Edward J.
155.12-2-14	210	1	1	60	Jefferson	Ave	Fateh, Abul
155.12-2-15	483	1	1	76	Jefferson	Ave	Alegre-Levine, Catalina
155.12-2-16	210	1	1	207	Wildwing	Ln	Snell, Earl
155.12-2-17	210	1	1	205	Wildwing	Ln	Pollock, George G & Shirley N
155.12-2-18	210	1	1	203	Wildwing	Ln	Antonelli, Robert C.
155.12-2-19	210	1	1	116	Wildwing	Rd	Snapper, Paul M.
155.12-2-2	210	1	1	213	Jefferson	Hts	Robbiani, Thomas A.
155.12-2-21	210	1	1	120	Wildwing	Rd	Caridi, Rosario
155.12-2-23	210	1	1	127	Wildwing	Rd	Samperisi, Joseph Jr
155.12-2-24	210	1	1	125	Wildwing	Rd	Deyo, Myron Jr
155.12-2-25	210	1	1	123	Wildwing	Rd	Clapper, Joanne
155.12-2-26	311	1	0		Wildwing	Rd	Rutkowski, David
155.12-2-27	210	1	1	119	Wildwing	Rd	Rutkowski, David
155.12-2-28	210	1	1	117	Wildwing	Rd	Ogden, Richard L.
155.12-2-29	210	1	1	115	Wildwing	Rd	June, Adam R.
155.12-2-3	210	1	1	211	Jefferson	Hts	Seeley, Arthur G.
155.12-2-30	210	1	1	105	Wildwing Park	Ext	Wolven, Barry
155.12-2-31	210	1	1	31	Wildwing	Park	Gjergji, Gjin
155.12-2-32	210	1	1	33	Wildwing	Park	Lappa, Constantino
155.12-2-33	210	1	1	35	Wildwing	Park	Trach, Jenny L.
155.12-2-34	210	1	1	37	Wildwing	Park	Henderson, Elizabeth C.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.12-2-35	210	1	1	39	Wildwing	Park	Wachowicz, Leila P.
155.12-2-36	210	1	1	41	Wildwing	Park	Luvera, Matthew
155.12-2-37	210	1	1	43	Wildwing	Park	Zwoboda, Thomas C.
155.12-2-38	210	1	1	45	Wildwing	Park	Guldenstern, Mary Ann
155.12-2-39	210	1	1	47	Wildwing	Park	Byas, Bennet
155.12-2-4	484	1	1	209	Jefferson	Hts	Seeley, Arthur G.
155.12-2-40	210	1	1	49	Wildwing	Park	Bentley, Amy E.
155.12-2-41	220	2	2	51	Wildwing	Park	Land, Suzanne
155.12-2-42	210	1	1	53	Wildwing	Park	Sutherland, Norman K.
155.12-2-43	311	1	0		Wildwing	Rd	Caridi, Rosario
155.12-2-44	210	1	1	122	Wildwing	Rd	Baxter, Francis A. & Anna R
155.12-2-45	210	1	1	129	Wildwing	Rd	Moon, Jean V.
155.12-2-47	210	1	1	124	Wildwing	Rd	Clarke, John
155.12-2-5	483	1	1	207	Jefferson	Hts	Reynolds, George Jeffery
155.12-2-6	210	1	1	205	Jefferson	Hts	Rivenburgh, Alison
155.12-2-7	486	1	1	203	Jefferson	Hts	V S H Realty Inc,
155.12-2-8	220	2	2	12	Jefferson	Ave	Mansion Street Development,
155.12-2-9	270	1	1	16	Jefferson	Ave	McKeown, Patrick
155.12-3-1	210	1	1	208	Jefferson	Hts	Smith, Jeffrey W.
155.12-3-10	210	1	1	6	Jefferson	Ave	Cash, William M.
155.12-3-11	210	1	1	4	Jefferson	Ave	Forster, Adrian
155.12-3-12	210	1	1	2	Jefferson	Ave	Melville, Patrick I.
155.12-3-13	483	1	1	168	Jefferson	Hts	Clark, James L. Jr
155.12-3-14	449	1	1	164	Jefferson	Hts	Clark, James L. Jr
155.12-3-15	210	1	1	162	Jefferson	Hts	Payne, Patti Jo
155.12-3-16	210	1	1	160	Jefferson	Hts	Thorne, Janet Carl
155.12-3-17	210	1	1	158	Jefferson	Hts	Lightcap, Robert P.
155.12-3-18	210	1	1	156	Jefferson	Hts	Velie, Michael S.
155.12-3-19	210	1	1		Jefferson Hgts		EP Catskill Realty, LLC,
155.12-3-2	210	1	1	206	Jefferson	Hts	Li, Pu Yang
155.12-3-20	633	56	56	154	Jefferson	Hts	EP Catskill Realty, LLC,
155.12-3-21	210	1	1	152	Jefferson	Hts	Henchey, Patrick A.

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUS	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.12-3-22	210	1	1	150	Jefferson	Hts	Romak, Henry S.
155.12-3-25	210	1	1	142	Jefferson	Hts	Malek, Simcha
155.12-3-26	220	2	2	140	Jefferson	Hts	Timko, Justin D.
155.12-3-27.1	963	0	0	136	Jefferson	Hts	Town of Catskill,
155.12-3-28	465	3	3	146	Jefferson	Hts	146 Jefferson Heights LLC,
155.12-3-3	210	1	1	204	Jefferson	Hts	Gardell, Charles
155.12-3-4	484	1	1	202	Jefferson	Hts	Mid-Hudson Cablevision,
155.12-3-5	834	1	1	211	Jefferson	Hts	Mid-Hudson Cablevision Inc,
155.12-3-6	210	1	1	1	Jefferson	Ave	Martinez, Higinio A.
155.12-3-7	210	1	1	3	Jefferson	Ave	Gustavson, Mark A.
155.12-3-8	210	1	1	5	Jefferson	Ave	Sheridan, Doriann
155.12-3-9	210	1	1	8	Jefferson	Ave	Noeth, James T.
155.12-4-1	210	1	1	100	Wildwing Park	Ext	Pilatich, Joseph M. III
155.12-4-10	210	1	1	109	Wildwing Park	Ext	Benjamin, Anita L.
155.12-4-11	210	1	1	107	Wildwing Park	Ext	Mulvey, Richard G.
155.12-4-12	210	1	1	200	Wildwing	Ln	Beede, Ralph C.
155.12-4-13	210	1	1	202	Wildwing	Ln	Pollock, Jean T.
155.12-4-14	210	1	1	204	Wildwing	Ln	Hommel, Leslie Mary
155.12-4-15	210	1	1	206	Wildwing	Ln	Wase, Michele
155.12-4-16	314	1	0		Wildwing	Ln	Wase, Michelle
155.12-4-18	210	1	1	113	Wildwing Park	Ext	Decker, Thomas A.
155.12-4-2	210	1	1	102	Wildwing Park	Ext	McLaren, Peter A.
155.12-4-27	210	1	1	83	Jefferson	Ave	Gotte, Franco
155.12-4-3	210	1	1	104	Wildwing Park	Ext	Esposito, Duane J.
155.12-4-4	210	1	1	106	Wildwing Park	Ext	Guldenstern, David L.
155.12-4-5	210	1	1	108	Wildwing Park	Ext	Wiltse Smith, Karen
155.12-4-6	210	1	1	110	Wildwing Park	Ext	Gr Co Chapter Of NYSARC,
155.12-4-7	210	1	1	112	Wildwing Park	Ext	Johnson, Robert K.
155.12-4-8.2	210	1	1	114	Wildwing Park	Ext	Holdridge, Richard T.
155.12-4-9	210	1	1	111	Wildwing Park	Ext	Brandow, Lyle
155.12-5-1	415	1	1	169	Jefferson	Hts	Slonina, Daniel J.
155.12-5-10	411	6	6	61	Jefferson	Ave	SRA Properties LLC,

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUs	ST #	ST NAME	ST SUFFIX	OWNER NAME
155.12-5-12	411	11	11	149	Jefferson	Hts	Catskill Garden Apartments Inc,
155.12-5-13	210	1	1	147	Jefferson	Hts	Garafalo, James
155.12-5-14	210	1	1	143	Jefferson	Hts	Goldfarb, Kenneth J.
155.12-5-15	411	5	5	141	Jefferson	Hts	Catskill Garden Apartments Inc,
155.12-5-16.1	471	1	1	139	Jefferson	Hts	Camerato-Hoyt, Mary Millspaugh
155.12-5-2	210	1	1	167	Jefferson	Hts	Gjergji, Jacqueline
155.12-5-22	642	45	45	159	Jefferson	Hts	Columbia Memorial Hospital,
155.12-5-23	642	72	72	161-16	Jefferson	Hts	Columbia Memorial Hospital, The
155.12-5-3	483	2	2	165	Jefferson	Hts	Tannenbaum, Richard
155.12-5-4	210	1	1	13	Sunrise	Ave	Regan, Michael J.
155.12-5-5	210	1	1	15	Jefferson	Ave	Marsh, Erasmo A.
155.12-5-6	210	1	1	25	Jefferson	Ave	Conklin, Shawn R.
155.12-5-7	210	1	1	29	Jefferson	Ave	Hommel, Peter W.
155.12-5-8	483	1	1	35	Jefferson	Ave	Rabadi, Ibrahim
155.12-5-9	484	0	0	45	Jefferson	Ave	Town of Catskill,
156.01-1-1.1	311	1	0		N Jefferson	Ave	Siecinski, Raymond F.
156.01-1-3	220	2	2	27	Jefferson Avenue	Ext	Kordich, Mary Ann
156.01-1-5	314	1	0		N Jefferson	Ave	Walsh, William T. Jr
156.01-1-6	210	1	1	36	Jefferson Avenue	Ext	McAneny, Richard E.
156.01-1-8	210	1	1	37	Jefferson Avenue	Ext	Walsh, William T. Jr
156.09-3-1	465	2	2	132	Jefferson	Hts	Pilatich LLC Associates,
156.09-3-10	210	1	1	116	Jefferson	Hts	Sutherland, Thelma B.
156.09-3-12	483	1	1	110	Jefferson	Hts	Madden, Richard E.
156.09-3-13	210	1	1	108	Jefferson	Hts	Boice, Susan R.
156.09-3-14	210	1	1	106	Jefferson	Hts	Klein, Tina
156.09-3-15	210	1	1	104	Jefferson	Hts	Seeley, Dawn A.
156.09-3-16	210	1	1	102	Jefferson	Hts	Schmidt, Adelbert O.
156.09-3-18	416	10	10	112	Jefferson	Hts	Catskill III, LLC,
156.09-3-19	633	28	28	45	Pavilion	Ct	Catskill Property Group, LLC,
156.09-3-2	210	1	1	130	Jefferson	Hts	Suarez, Maria
156.09-3-3	210	1	1	128	Jefferson	Hts	Holt, Robert
156.09-3-4	210	1	1	126	Jefferson	Hts	Walters, Troy

SBL	LAND USE CLASS	DEBT SERVICE EDUS	O&M COST EDUs	ST #	ST NAME	ST SUFFIX	OWNER NAME
156.09-3-5	210	1	1	124	Jefferson	Hts	Chewens, Richard P. Jr
156.09-3-7	484	1	1	20	Pavilion	Ct	Triad Realty & Captl Mgmt Corp,
156.09-3-8	220	2	2	120	Jefferson	Hts	Cannon, Freddie
156.09-3-9	210	1	1	118	Jefferson	Hts	Quinn, Christian
156.09-4-8	220	2	2	107	Jefferson	Hts	Tower, Jon
156.09-4-9	314	1	0		Jefferson Hgts		Mancino, Giuseppe
156.13-11-2	314	1	0		Jefferson Hgts		Daniello, Dawn Marie
<b>Total</b>		<b>841</b>	<b>769</b>				

TABLE 2

Projected Cost Estimates

Table 2

Town of Catskill Sewer Expansion  
Preliminary Cost Estimates

		Unit Cost	Cost
<b>Collection System</b>			
Gravity Sewers - Route 23B	10,900 LF	\$285	\$3,106,500
Gravity Sewers - Town Roads	21,000 LF	\$150	\$3,150,000
			<b>\$6,256,500</b>
<b>Forcemain - Concurrent with Gravity Sewers</b>			
Route 23B	6,500 LF	\$60	\$390,000
Town Roads	3,350 LF	\$60	\$201,000
			<b>\$591,000</b>
<b>Forcemain - Independent of Gravity Sewers</b>			
Route 23B	300 LF	\$285	\$85,500
Town Roads	1,600 LF	\$100	\$160,000
			<b>\$245,500</b>
<b>Pump Stations</b>	5 EA	\$150,000	<b>\$750,000</b>
<b>NYS Thruway Crossing</b>	LS	\$100,000	<b>\$100,000</b>
<b>Allen Street Pump Station Upgrades</b>			
Comminutor			\$50,000
Pump Upgrades			\$45,000
Generator			\$165,000
Electrical Upgrades			\$30,000
			<b>\$290,000</b>
<b>CSO Upgrades and Sewer Repair</b>			<b>\$200,000</b>
<b>Construction Subtotal</b>			<b>\$8,433,000</b>
Contingency (20%)			\$1,265,000
Engineering (15%)			\$1,265,000
Land Acquisition/Easements			\$75,000
Legal/Administration			\$60,000
<b>Construction Project Total</b>			<b>\$11,098,000</b>

TABLE 3

Projected Sewer Use Rates

**Table 3**  
**Town of Catskill**  
**Leeds and Jefferson Heights Sewer District**  
**Financing Scenarios**

	New Collection System & Pump Stations		
	1.89% @ 30 Years	0% @ 30 Years	0% @ 30 Years w/CBDG
Annual Debt	\$484,690	\$369,933	\$349,933
Annual O&M	\$25,000	\$25,000	\$25,000
Debt EDUs	841	841	841
O&M EDUs	769	769	769
Debt/EDU	\$576.33	\$439.87	\$416.09
O&M/EDU	\$32.51	\$32.51	\$32.51
Treatment/EDU	\$381	\$381	\$381
Cost/EDU	\$990	\$853	\$830

EDU = Equivalent Dwelling Unit = Single Family Home

Annual O&M = \$5,000 for each of five pump stations for electricity, alarms, etc.

Treatment/EDU = Per Intermunicipal Agreement

APPENDIX A

Town of Catskill – Village of Catskill Sewer Service Intermunicipal Agreement

**INTERMUNICIPAL COOPERATION AGREEMENT  
TOWN AND VILLAGE OF CATSKILL  
FOR SEWER SERVICE**

This Intermunicipal Cooperation Agreement dated July 9, 2014 (the "Agreement") between the **VILLAGE OF CATSKILL**, a Municipal Corporation, established under the laws of the State of New York, located in the County of Greene and State of New York, with the principal place of business at 422 Main Street, Catskill, New York, hereinafter referred to as the "Village", and the **TOWN OF CATSKILL**, a Municipal Corporation, established under the laws of the State of New York, with a principal place of business at 439 Main Street, Catskill, New York, County of Greene, State of New York, hereinafter referred to as the "Town" collectively "the Parties;" and,

**WHEREAS**, this Agreement is being entered into by the Town and the Village pursuant to Article 5-G of the General Municipal Law and this Agreement constitutes an Intermunicipal cooperation agreement whereby the Town has formed or shall form Sewer Districts to provide sewer service to various properties within the Town as defined in sewer district formation map(s), plan(s) and report(s); and,

**WHEREAS**, the TOWN is to construct a new sanitary sewer system along Route 23B and connecting roads, streets and properties in the Town, a map of depicting the area initially to be served attached hereto as Exhibit A, and made part hereof; and,

**WHEREAS**, the TOWN wishes to discharge up to 330,000 gallons of wastewater per day calculated in the same manner as the permitted flow calculation embodied in the VILLAGE State Pollutant Discharge Elimination System (SPDES) permit to the wastewater collection system of the VILLAGE for subsequent treatment at the Village Wastewater Treatment Plant (hereinafter the "WWTP"), which is acceptable to the VILLAGE subject to the covenants, provisions and agreement hereinafter set forth; and,

**INTERMUNICIPAL COOPERATION AGREEMENT  
TOWN AND VILLAGE OF CATSKILL  
FOR SEWER SERVICE**

**WHEREAS**, the Village has excess capacity within its wastewater conveyance and treatment system and provided proper conveyance infrastructure and appurtenances exist within the Town, a portion of the excess capacity can be assigned to the Town; and,

**WHEREAS**, the purpose of this Agreement is for the Town to convey wastewater to the Village and the Village to treat said wastewater; and,

**WHEREAS**, the Parties have determined that the provision of sewer collection and treatment services is in the best interest of promoting the continued economic development and public health;

**NOW, THEREFORE, IT IS**

**AGREED**, that in consideration for the promises and mutual covenants and agreements herein set forth, and for the sum of One Dollar and 00/100 (\$1.00) lawful money of the United States, to each hand paid by the other, receipt of which is acknowledged, and other good and valuable consideration, the Parties mutually agree as follows:

**ARTICLE I**

**CONSTRUCTION AND FINANCING OF SEWER SYSTEM IMPROVEMENTS**

1. The Town agrees to pay for the cost of all sewer improvements located within the Town and those sewer improvements located within the Village that are expressly necessary to service the Town. As part of the development of the Leeds and Jefferson Heights Sewer District improvements, the Town shall, at its own expense, update and expand the Village's Allen Street Pump Station to accommodate the projected volume of wastewater from the Town Sewer District including new pumps and a comminutor. In addition, to mitigate the introduction of additional wastewater into the Village collection system, the Town will contribute up to \$200,000 towards a sewer separation project within the Village collection system.

**INTERMUNICIPAL COOPERATION AGREEMENT  
TOWN AND VILLAGE OF CATSKILL  
FOR SEWER SERVICE**

2. The Village agrees to pay for the costs of all sewer improvements located within the Village, except those sewer improvements located within the Village that are expressly necessary to service the Town.

3. The costs of infrastructure improvements may be financed by bonds or notes ("Obligations") issued by the Town and Village, respectively. The Obligations shall be sole obligations of the respective municipality.

**ARTICLE II**

**SEWER DISTRICTS**

1. The Town will comply with Article 12 of the Town Law in the formation of sewer districts within the Town. Copies of map(s), plan(s) and report(s) will be provided to the Village after they are formally adopted by the Town Board. The report(s) will provide a district sewer demand projection.

2. The Village shall treat up to 330,000 gallons per day of sewage calculated in the same manner as the permitted flow calculation embodied in the VILLAGE State Pollutant Discharge Elimination System (SPDES) permit generated and paid for by the Town to support the sewer districts within the geographic boundary of the Town depicted on the map entitled "Town of Catskill Leeds and Jefferson Heights Sewer District" which represents the town sewer districts as of the date of this Agreement, a copy thereof incorporated in Exhibit A hereto.

3. Prior to the commencement of new service connections in the Sewer District, the Town shall adopt a Sewer Use Law which shall include appropriate requirements for sewer connections, including but not limited to, plumbing requirements, grease traps, sump pumps, and acceptable methods for the decommissioning of septic tanks and leach fields, as a minimum, to meet New York State Department of Environmental Conservation requirements.

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4.     Ownership of Improvements – The Village will own any and all the infrastructure improvements located within the Village boundary. Any and all the infrastructure improvements located within the Town will be owned by the Town with the exception of any privately funded, owned and operated infrastructure which shall remain privately owned, funded and operated unless dedicated to and accepted by the respective municipality.

5.     Operation and Maintenance – The Village shall be responsible for operation and maintenance of any and all infrastructure located within the Village. The Town shall be responsible for operation and maintenance of existing and improvement infrastructure owned by the Town located outside the Village. The Town may elect to contract with the Village or another qualified entity to provide operation and maintenance of the Town's infrastructure.

**ARTICLE III**

**WATER METER READING AND BILLING OF SEWER CHARGES**

1.     The Village agrees that the users in the Town Sewer District shall be liable only for costs associated with the provision of sewer service including capital costs as outlined herein, operation and maintenance costs, and administrative costs.

2.     Properties with Water Service Meter Reading – Water meters shall be installed at each user site in accordance with Town and Village standards, and at the user's expense. The Village will perform the water meter readings quarterly for the purpose of billing. The Village will provide the Town with a summary listing showing each user and the corresponding number of units, readings, and charges.

3.     Properties Without Water Service – Properties connected to the Town sewer system that are not also connected to the water system shall be assigned the average number of units assigned to other similar land uses within the Sewer District. For example, a single family

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home without water service will be charged the average number of units of the other single family homes in the Sewer District.

4. Billing – Billing for sewer charges will be calculated by the Village. The Village, as a service provider to the Sewer District, will bill each user within such Sewer District on a quarterly basis. Such bills will be due and payable during the months of January, April, July and October.

5. Sewer Service Rate – It is agreed that District Sewer users shall be charged a User Rate developed specifically for the Town Sewer District which shall not at any time exceed 1.2 times the rate for In Village Users. Based on current Village Rates, the Town Sewer Service Rates at the execution of this Agreement would be:

Units Per Quarter*	In Village Rate**	Town District Rate**
Up to 10	\$3.32/Unit	\$3.98/Unit
11 – 20	\$4.08/Unit	\$4.90/Unit
21-40	\$4.53/Unit	\$5.44/Unit
41+	\$4.81/Unit	\$5.77/Unit

\*1 Unit = 750 Gallons or 100 Cubic Feet

\*\* Minimum Quarterly Charge = 10 Units

The Village may adjust Village Rates and Town District Rates concurrently to respond to changes in the cost of operations and maintenance of the Village sewer system as circumstances dictate. Except as provided in Article IV Paragraph 2 of this Agreement, Town Sewer District Sewer Service Rates shall not be modified except in concert with a commensurate modification of Village Sewer Rates.

6. Separate from the Sewer Service Rates established herein, the Town shall establish and levy benefit assessments to support operation and maintenance of the infrastructure

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within the District(s) and debt service resulting from capital improvement projects conducted by the Town.

7.     Effective Date – The Town Sewer Service Rate shall become effective for all users within the Town Sewer District when users connect to the sewer system with the exception of connections within the Town Sewer District that exist as of the date of execution of this Agreement. The users that are already connected as of the date of execution of this Agreement shall continue to pay the Outside Village Rate which is twice the In Village Rate until the Certification of Completed Works for the Town Sewer District is issued by the Town's designated Professional Engineering consultant. Upon Certification of Completed Works, the Town Sewer Service Rate incorporated in this Agreement shall be effective upon all connected users within the Town Sewer District.

8.     The Town shall assist the Village in the collection of delinquent sewer usage fees by assessing such unpaid fees on the real property taxes on the property served by such sewer system. The procedure for such collection shall be as follows:

- a.     On or about November 1 of each year, the representative of the Village designated by the Village Board of Trustees to conduct billing of sewer fees shall compile a list of property owners within the Sewer District with delinquent accounts.
- b.     The total amount due from each such property owner shall be calculated and an additional charge of up to five percent (5%) for penalty and interest may be assessed by and for the benefit of the Village.
- c.     The Village representative shall then transmit as soon as practical by not later than November 10<sup>th</sup> the list of delinquent property owners and

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amounts due to the representative of the Town designated by the Town Board to receive such information.

- d. The delinquent fees shall be incorporated into the Town's tax bill for each such property with this information furnished by the Town to the County.
- e. Thereafter, the delinquent sewer use fees shall appear on the Town and County tax bills which are rendered in January of the following year.
- f. The taxing jurisdiction that receives payment for such delinquent charges shall remit such payment from the Town to the Village which shall result in satisfaction of the sewer usage fees.

**ARTICLE IV**

**OPERATIONAL CONTROL**

1. The Village, its employees or representatives shall, with proper notice to the Town, be permitted to inspect all components of the sewer infrastructure of the Districts. In the event of an emergency or in order to insure the continued service of the systems to the other users, the Village shall notify the Town and work in cooperation with the Town so that either or both parties can take all reasonable steps and performing any other related activities for such purposes. The Village shall provide verbal and/or written communication to the Town discussing emergency circumstances and actions taken as soon as practicable.

2. Future changes in the Village's Sewer infrastructure required solely to provide sewer service to the Town will be paid for by the Town. The Village shall notice the Town prior to undertaking any capital improvements necessary to service the Town. Written notice shall include engineering and financial information adequate for the Town to review to ensure the

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necessity and cost of the improvements. The Village shall not expect payment for any capital improvements required to service the Town without prior written agreement from the Town.

**ARTICLE V**

**PROVISION OF SEWER SERVICES**

1. The Village shall accept and treat wastewater generated in the Town's Sewer District(s) for as long as the Town sewer district(s) remain in existence.

2. The Village warrants that it has the capacity to provide sewer services to the Town Sewer District(s) and that it is legally empowered to accept sewage from the Town Sewer Districts provided approval is granted from regulatory agencies.

3. The Village shall provide adequate maintenance of the plant and other Village facilities so as to extend the life and obtain the greatest benefit from existing infrastructure. The Village will budget for adequate maintenance and the Town agrees to share an equitable portion of these expenses through the sewer rates.

4. The Town shall adopt and enforce a Sewer Use Law generally in conformance with applicable standards including guidance published by the New York State Department of Environmental Conservation.

5. Property owners within the Sewer District shall be notified in writing by the Town at such time as the sewer system is available for connection. It is anticipated that such notifications shall occur on several occasions as the construction of the sewer system is phased. Upon notification, property owners shall be granted a period of time to connect to the sewer system as outlined in the Town's Sewer Use Law and the provisions contained in the Town's Sewer Use Law shall be in effect upon notice.

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6. The Town shall provide lists of connected property owners to the Village including dates of connection for billing purposes.

7. The Town and Village shall on a yearly basis conduct an assessment of the Wastewater System to include, but not limited to, future capacity planning.

8. At such time as the Town's demands reach 80% of the capacity allocated in this agreement, the Town and Village shall engage in the preparation of a plan for future growth which shall incorporate a planning level technical evaluation of the collection and treatment systems in both communities as well as the identification of the potential for future growth in each community and likely funding resources. The costs for the preparation of the plan, if any, shall be borne equally between the Parties and the document shall include a schedule of activities with roles and responsibilities between the Parties defined. This activity may be carried out in conjunction with planning for the water systems.

9. In the event that the WWTP or other infrastructure serving both the Town and the Village requires capital improvements in addition to normal maintenance of equipment, the Village will notify the Town of the need for such improvements and provide engineering and other information to allow the Town to confirm that the work is reasonable and necessary, and that the costs and benefits are equitably distributed between the Village and the Town Sewer District.

**ARTICLE VI**

**EXCHANGE DATA**

All technical data relating to the sewer systems owned by the Village and the Town within the possession of the Parties shall be made available to the other Parties on an as needed basis without expense.

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**ARTICLE VII**

**ADDITIONAL ASSURANCES**

The Parties agree to enter into such additional agreements as may become necessary to fully effectuate the provisions of this Agreement and to provide for mutual protection of all the Parties hereto.

**ARTICLE VIII**

**MERGER CLAUSE AND MODIFICATIONS**

This Agreement, with its Exhibits, contains the entire agreement between the Village and the Town and any agreements hereafter made between the Village and the Town shall be ineffective to change this Agreement, unless such agreement is signed by the authorized representative of the Village and the Town.

**ARTICLE IX**

**COMPLIANCE WITH LAWS**

1. Notwithstanding any other term or provision to the contrary herein, no party, hereto shall commence or engage in any activity hereunder, and no party shall have any obligations hereunder, unless and until the responsible parties have completed all necessary review of the activities contemplated by this Agreement pursuant to Article 8 of the Environmental Conservation Law and the rules and regulations promulgated pursuant thereto. No "action", as the same is referred to in Article 9 of the Environmental Conservation Law and SEQRA regulations, shall be taken hereunder until all the procedures and requirements set forth therein have been completed with respect to the work contemplated hereby.

2. The Parties shall comply with all Federal, State, and local statutes, rules regulations, orders and ordinances applicable to the performance of this Agreement.

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**ARTICLE X**

**TERM OF AGREEMENT**

In accordance with Section 118-a of the General Municipal Law, the term of this Agreement shall be forty (40) years. The Village and the Town agree to review this Agreement not less frequently than once every five (5) years throughout the term of this Agreement. Modifications, amendments or changes to this Agreement must be acceptable to both parties.

**ARTICLE XI**

**ARBITRATION**

Any controversy, claim, or cause of action arising out of or relating to this contract, or the claim of a breach of this Agreement, shall be submitted to, and decided by arbitration, which arbitration shall be conducted in the Village of Catskill and be administered by the American Arbitration Association in accordance with its then current commercial arbitration rules (or in accordance with such other procedures, if any, as the Parties to this Agreement may mutually agree upon in writing); and the decision in such arbitration shall be final, non-appealable and binding on the Parties to this Agreement. All costs and expenses (including, without limitation, reasonable attorney's fees and disbursements) paid or incurred by the prevailing party in such arbitration shall be paid by the other party to the arbitration.

**ARTICLE XII**

**SEVERABILITY.**

The various terms, provisions and covenants herein contained shall be deemed to be separate and severable, and the invalidity or unenforceability of any of them shall not affect or impair the validity or enforceability of the remainder.

**INTERMUNICIPAL COOPERATION AGREEMENT  
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**ARTICLE XIII**

**NOTICES**

All notices, statements, demands, approvals, or other communications to be given under or pursuant to this Agreement will be in writing, addressed to the Parties at their respective addresses as provided below, and will be delivered in person, or by certified or registered mail, postage prepaid, return receipt requested. If mailed, the notice will be deemed to have been given 24 hours after the date of mailing.

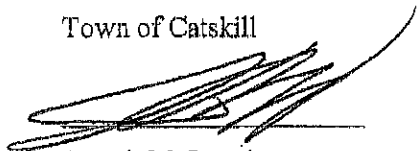
The addresses of the Parties to which such notices are to be sent will be and until further notice are, as follows:

Supervisor  
Town of Catskill  
439 Main Street  
Catskill, NY 12414

President  
Village of Catskill  
422 Main Street  
Catskill, NY 12414

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Town of Catskill

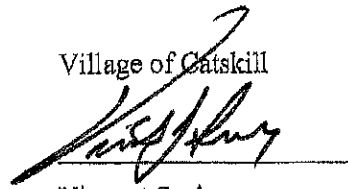
  
\_\_\_\_\_

Joseph M. Leggio

Town of Catskill Supervisor

Date: 7/9/14

Village of Catskill

  
\_\_\_\_\_

Vincent Seeley

President Village of Catskill

Date: 7/9/2014

**APPENDIX B**

**Village of Catskill Water and Sewer Rate Charges 2014**

VILLAGE OF CATSKILL  
WATER & SEWER RATES  
EFFECTIVE - NOVEMBER 14, 2011

IN VILLAGE

RATES:

<u>UNITS*</u>	<u>WATER</u>	<u>SEWER</u>	<u>TOTAL</u>
0-10	\$3.30/UNIT	\$3.32/UNIT	\$66.20 -minimum bill- both services, \$33.00-water \$33.20-sewer
11-20	\$3.93/UNIT	\$4.08/UNIT	
21-40	\$4.23/UNIT	\$4.53/UNIT	
41 +	\$4.38/UNIT	\$4.81/UNIT	

OUTSIDE VILLAGE

RATES:

<u>UNITS*</u>	<u>WATER</u>	<u>SEWER</u>	<u>TOTAL</u>
0-10	\$6.66/UNIT	\$6.64/UNIT	\$133.00 -minimum bill- both services; \$66.00 water only \$66.40-mc-sewer
11-20	\$7.87/UNIT	\$8.16/UNIT	
21-40	\$8.47/UNIT	\$9.07/UNIT	
41 +	\$8.77/UNIT	\$9.63/UNIT	

\*1 unit = 750 gallons or 100 cubic feet

APPENDIX C

CWSRF IUP 2014 Annual List Category A

### 1.3 Program Highlights and Initiatives

EFC is undertaking initiatives in FFY 2014 in order to expand and achieve greater benefits through the CWSRF Program. The FFY 2014 program highlights and initiatives that affect the CWSRF and its applicants are described below:

1. **Proposed Funding:** The President's proposed budget appropriation for the CWSRF for FFY 2014 is \$1.095 billion. At the time this IUP was finalized, the FFY 2014 budget for the CWSRF had not been enacted. In the past the lowest number proposed for CWSRF funding was \$689 million. EFC is conservatively assuming a final federal CWSRF appropriation using this lowest number. The enacted budget may differ significantly. EFC may issue an IUP amendment when the FFY 2014 budget is finalized. The status of the availability of additional subsidization or the Green Project Reserve requirements for FFY 2014 had not been determined at the time this IUP was prepared.

EFC does not expect the total amount of CWSRF funds available in this 2014 IUP will be sufficient to offer financial assistance in the form of interest subsidy to all projects on the Annual List. EFC seeks to target the maximum amount of its financial assistance to the highest scoring projects that have commenced or ready to proceed to construction. Accordingly, EFC is offering subsidy to the majority of the Annual Project Priority List (PPL) projects at the beginning of the IUP year and will close financings based on an applicant's readiness to proceed as described below. Funding lines are identified on the Annual PPL in Categories A, B & C at 10 points. Applicants whose projects are listed above these funding lines are eligible for an interest subsidy equal to approximately fifty percent of the otherwise applicable interest costs. We refer to this interest subsidy as CWSRF subsidized funding. In addition, from available program resources, including proceeds of bond financings, EFC offers SRF Market Rate financing to applicants whose projects are not eligible for CWSRF subsidized financing. The availability and timing of CWSRF Market Rate financing may be dependent upon the availability of program equity or other short term funding sources. Please refer to Section 4 for details.

2. **Applications for Financing:** EFC will continue its approach to targeting eligible projects for financial assistance during this IUP year. We have devised a method using benchmarks to promote more efficient utilization of funds and expedition of construction starts for needed infrastructure that we believe will allow for a more efficient and effective process. The goal of these improvements is to help further our State's efforts to create more jobs while affording EFC the opportunity to utilize SRF funds in a more strategic manner.

All financing applications are required to be accompanied by documentation of 1) State Environmental Quality Review Act (SEQR) completion and signoff by the NYS Office of Parks, Recreation and Historic Preservation (SHPO), 2) sewer district formation or increase (if applicable), 3) Bond Resolution adopted by the applicant, and 4) an executed contract for engineering planning services, if such services are to be funded by the CWSRF. EFC will continue to only fund projects for which an approvable engineering report has been submitted and that are listed on the Annual List. If these items are not submitted in acceptable and complete form by February 3, 2014, applicants are hereby notified that the project relating to such items may be deemed to have been bypassed as of such date. See Section 5.1 for more details

3. **Hurricane Sandy:** On January 29, 2013, the President signed P.L. 113-2, the "Disaster Relief Appropriations Act, 2013" (DRAA). EFC issued an amendment to the FFY 2013 IUP to provide guidance regarding the eligibility, application procedure, and other requirements for use of these funds. This amendment is included in this final IUP as Appendix H.

APPENDIX D

CWSRF IUP 2014 Subsidy Line for Category A

**2014 FINAL CWSRF INTENDED USE PLAN**  
**Annual CWSRF Project Priority List**  
**Project Category: A**  
(in descending order of score)

Project Number	Applicant Name	Project Description	Estimated Amount	Additional Above ST	Notes	SPDES No*	Score
C9-6626-01-00	SILVER CREEK, VILLAGE OF	Modifications and upgrade to the sewage treatment plant to improve water quality in Silver Creek.	\$6,950,000	\$6,950,000		NY0022411	68
C9-6626-02-00	SILVER CREEK, VILLAGE OF	Inflow and infiltration correction to improve water quality in Silver Creek.	\$5,000,000	\$5,000,000		NY0022411	68
C9-6098-01-00	MINA, TOWN OF	Installation of collector sewers and construction of a sewage treatment plant to handle the waste from the Findley Lake Sewer System.	\$13,354,000	\$13,354,000		NEW SPDES	56
C5-5572-02-00	LAKE PLEASANT, TOWN OF	Installation of collector sewers in the town of Lake Pleasant including along Sacandaga Lake.	\$2,025,000	\$2,025,000		NY0183539	56
C4-5424-01-00	NELLISTON, VILLAGE OF	Installation of new collector sewers and replacement of sewer lines to improve water quality in the Mohawk River.	\$7,010,000	\$7,010,000		NY0107565	56
C7-6332-01-00	GREENE, VILLAGE OF	Inflow and infiltration correction to protect the Chenango River part of the Chesapeake Bay watershed	\$2,700,000	\$2,700,000		NY 0021407	54
C4-5434-02-00	CATSKILL, TOWN OF	Construction of collector and interceptor sewers in the Hamlets of Leeds and Jefferson Heights to improve the water quality of the Catskill Creek.	\$10,089,000	\$10,089,000		NY0020389	53
C6-6102-01-00	LOUISVILLE, TOWN OF	Installation of collector sewers and construction of a sewage treatment plant on Wilson Hill Island.	\$4,946,000	\$4,946,000		NEW SPDES	52
C6-6061-03-00	WADDINGTON, VILLAGE OF	Inflow and infiltration correction to protect water quality in the St. Lawrence River.	\$4,620,000	\$4,620,000		NY0030180	51
C4-5452-01-00	FORT PLAIN, VILLAGE OF	Inflow and infiltration correction to help protect the water quality in the Mohawk River.	\$1,112,000	\$1,112,000		NY0107565	49
C6-6027-03-00	ORLEANS, TOWN OF	Pump station upgrade, sewage treatment plant improvements in the Hamlet of LaFargeville to protect the water quality of the Chaumont River.	\$1,550,000	\$1,550,000		NY0121070	48
C7-6242-03-00	OWASCO, TOWN OF	Financing S.D. 1 share of project no. C7-6242-02-00 listed in Category D of the 2014 IUP	\$2,100,000	\$2,100,000		NY0029297	46
C7-6242-04-00	OWASCO, TOWN OF	Financing S.D. 2 share of project no. C7-6242-02-00 listed in Category D of the 2014 IUP	\$500,000	\$500,000		NY0029297	46
C6-6032-03-00	LYONS FALLS, VILLAGE OF	Upgrades to the sewer treatment plant and extension of sewer service within the Village of Lyons Falls protect water quality in the Black River.	\$4,000,000	\$4,000,000		NY0257737	41
C7-6351-01-00	MEXICO, VILLAGE OF	Sewer line rehabilitation and upgrades at the sewage treatment plant to improve water quality in the Little Salmon River.	\$2,816,000	\$2,816,000		NY0036617	39
C3-7318-04-00	DUTCHESS COUNTY WWA	Upgrades to several components of the Valley Dale WWTP including replacing the final clarifier and sand filter and installation of a new UV disinfection system.	\$425,000	\$425,000		NY0077593	39
C3-7318-05-00	DUTCHESS COUNTY WWA	Chelsea Cove WWTP RBC replacement	\$2,100,000	\$2,100,000		NY0032972	39
C7-6392-02-00	LANSING, TOWN OF	Installation of collector sewers, force mains, and construction of a sewage treatment plant in Sewer District #1.	\$8,195,000	\$8,195,000		NEW SPDES	38
C8-6468-01-00	SENECA COUNTY	Sewage treatment plant modifications in the Hamlet of Willard to improve water quality in Seneca Lake.	\$359,000	\$359,000		NY0020133	38
C6-6073-01-00	WEBB, TOWN OF	Phase 1 of sewage treatment plant improvements to improve water quality in the Middle Branch of the Moose River.	\$2,368,000	\$2,368,000		NY0021351	38
C3-5326-01-00	MAYBROOK, VILLAGE OF	Sewage treatment plant upgrade and expansion to improve water quality in the Otter Kill tributary.	\$6,339,000	\$6,339,000		NY0023272	38

E These projects are subject to additional Federal requirements (per the USEPA Capitalization Grant to NYS)

\* SPDES permit numbers are set forth herein, where applicable, and information concerning discharge requirements is set forth in each SPDES permit.